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FIG. 1

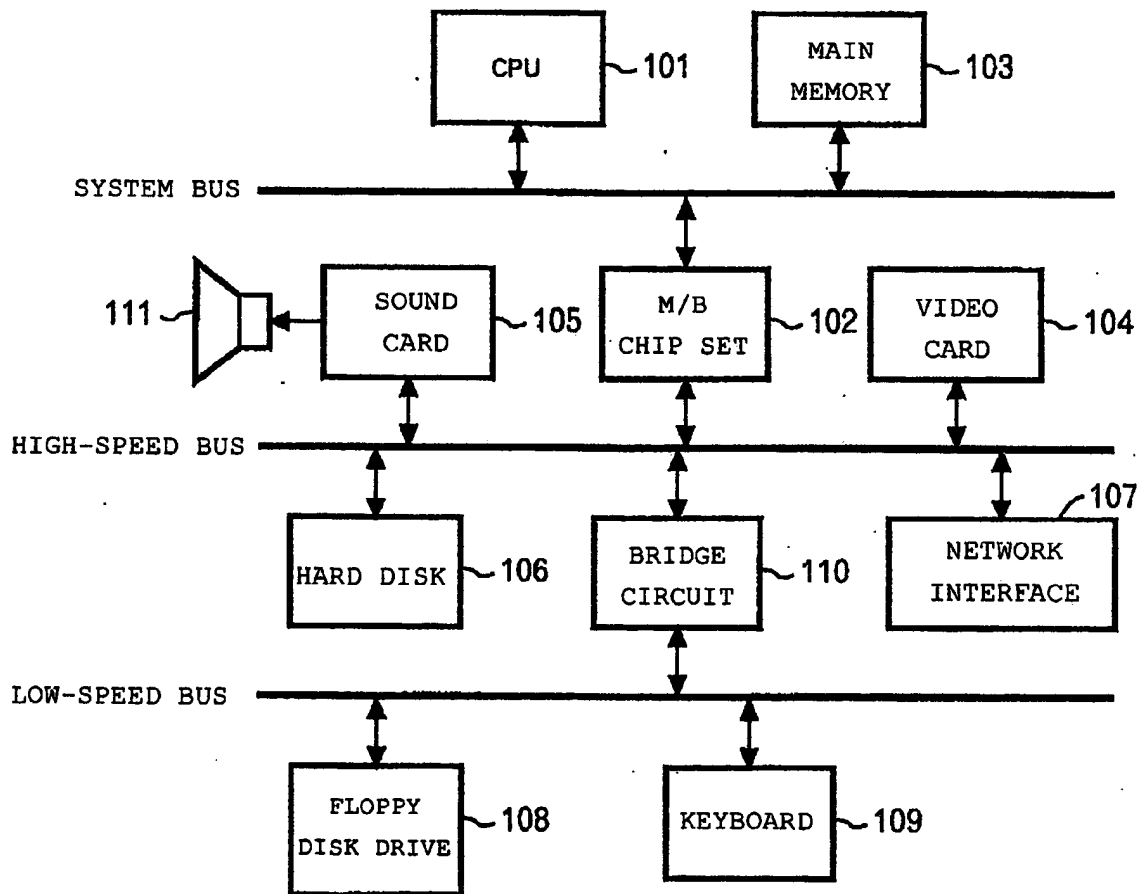


FIG. 2

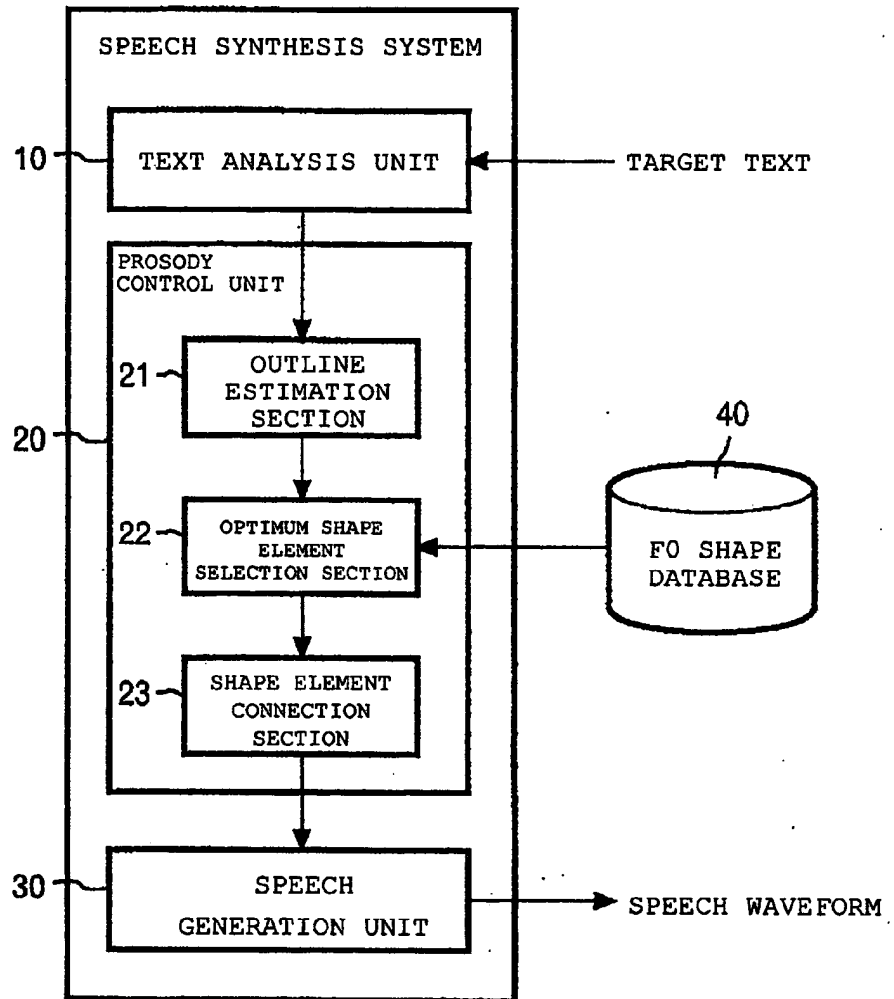


FIG. 3

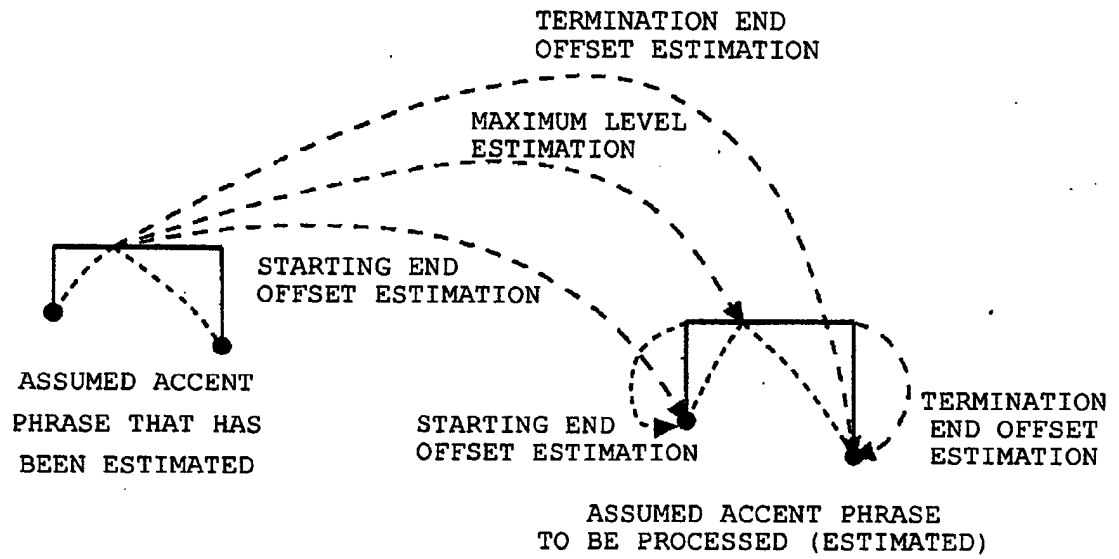
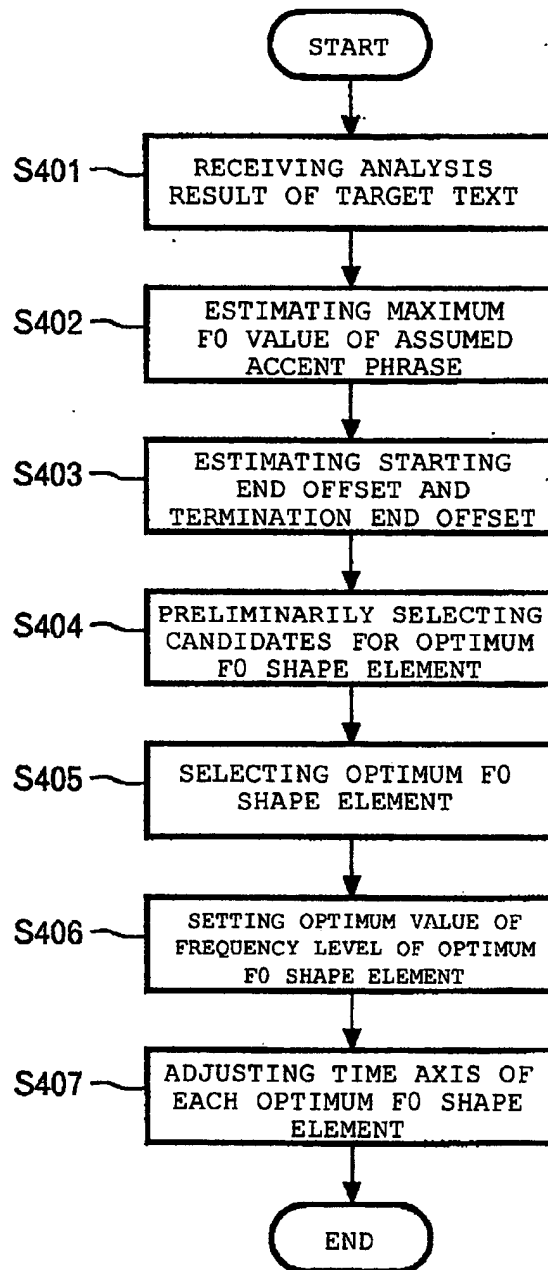
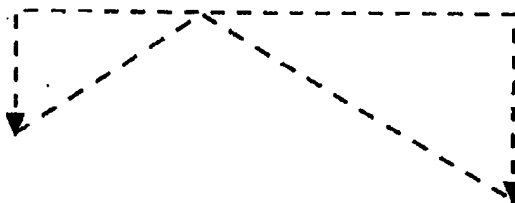


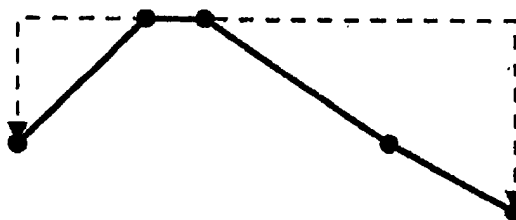
FIG. 4





F0 SHAPE TARGET

FIG.6



OPTIMUM F0 SHAPE ELEMENT

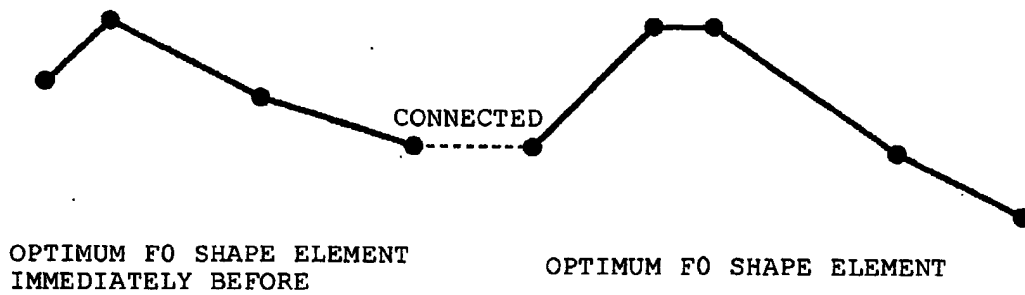
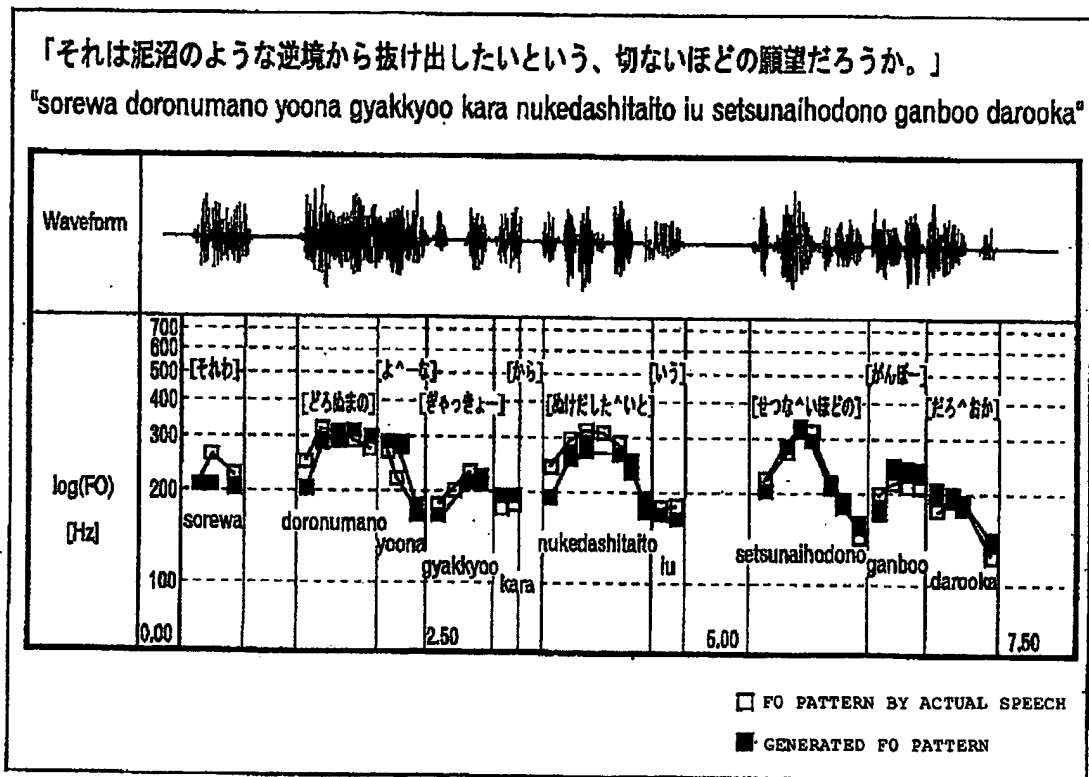


FIG. 8



Tmp#: 33/280 (nCand=3) Type:ACC=0/Mora=3 SOREWA  
 [In ] ( -1/ -1) 1 < 0/ 3> 1 ( 0/ 5)  
 ENVIRONMENTAL ATTRIBUTE OF INPUTTED PHRASE (PRECEDENT ACCENT PHRASE  
 =>TYPE/LENGTH, EXISTENCE OF PAUSE, CONCERNED ACCENT PHRASE TYPE/LENGTH,  
 EXISTENCE OF PAUSE, SUBSEQUENT ACCENT PHRASE TYPE/LENGTH)  
 [\* 33] ( 2/ 5) 1 < 0/ 3> 1 ( 1/ 5) pd=0 449 korega  
 => ATTRIBUTE INFORMATION OF OBTAINED SHAPE ELEMENT  
 Tmp#: 100/330 (nCand=3) Type:ACC=0/Mora=5 DORONUMANO  
 [In ] ( 0/ 3) 1 < 0/ 5> 0 ( 1/ 3)  
 [\*100] ( 0/ 4) 0 < 0/ 5> 1 ( 3/ 4) pd=0 942 yorokobimo  
 Tmp#: 277/353 (nCand=44) Type:ACC=1/Mora=3 YO:NA  
 [In ] ( 0/ 5) 0 < 1/ 3> 0 ( 0/ 4)  
 [\*277] ( 0/ 4) 0 < 1/ 3> 1 ( 2/ 6) pd=0 2711 ma^kki  
 Tmp#: 128/431 (nCand=3) Type:ACC=0/Mora=4 GYA\_OKYO:  
 [In ] ( 1/ 3) 0 < 0/ 4> 0 ( 0/ 2)  
 [\*128] ( 0/ 2) 0 < 0/ 4> 0 ( 2/ 3) pd=0 1028 shukkin  
 Tmp#: 3/155 (nCand=49) Type:ACC=0/Mora=2 KARA  
 [In ] ( 0/ 4) 0 < 0/ 2> 1 ( 5/ 7)  
 [\* 3] ( 1/ 4) 0 < 0/ 2> 1 ( 1/ 4) pd=0 103 yobi  
 Tmp#: 1/23 (nCand=1) Type:ACC=5/Mora=7 NUKEDASHITA ITO  
 [In ] ( 0/ 2) 1 < 5/ 7> 0 ( 0/ 2)  
 [\* 1] ( 1/ 3) 1 < 5/ 7> 1 ( -1/ -1) pd=2 5 nejimageta^noda  
 Tmp#: 30/155 (nCand=11) Type:ACC=0/Mora=2 IU  
 [In ] ( 5/ 7) 0 < 0/ 2> 1 ( 3/ 7)  
 [\* 30] ( 1/ 4) 0 < 0/ 2> 0 ( 0/ 5) pd=0 896 iu  
 Tmp#: 7/37 (nCand=1) Type:ACC=3/Mora=7 SETSUNA I HODONO  
 [In ] ( 0/ 2) 1 < 3/ 7> 0 ( 0/ 4)  
 [\* 7] ( -1/ -1) 1 < 3/ 7> 0 ( 0/ 5) pd=3 1080 juppu^nkanno  
 Tmp#: 83/431 (nCand=13) Type:ACC=0/Mora=4 GA\_NBO:  
 [In ] ( 3/ 7) 0 < 0/ 4> 0 ( 2/ 4)  
 [\* 83] ( -1/ -1) 1 < 0/ 4> 0 ( 1/ 5) pd=0 700 hanbai  
 Tmp#: 105/127 (nCand=1) Type:ACC=2/Mora=4 DAROOKA  
 [In ] ( 0/ 4) 0 < 2/ 4> 1 ( -1/ -1)  
 [\*105] ( 0/ 4) 0 < 2/ 4> 0 ( 0/ 2) pd=4 2615 mie^ruto

FIG. 10

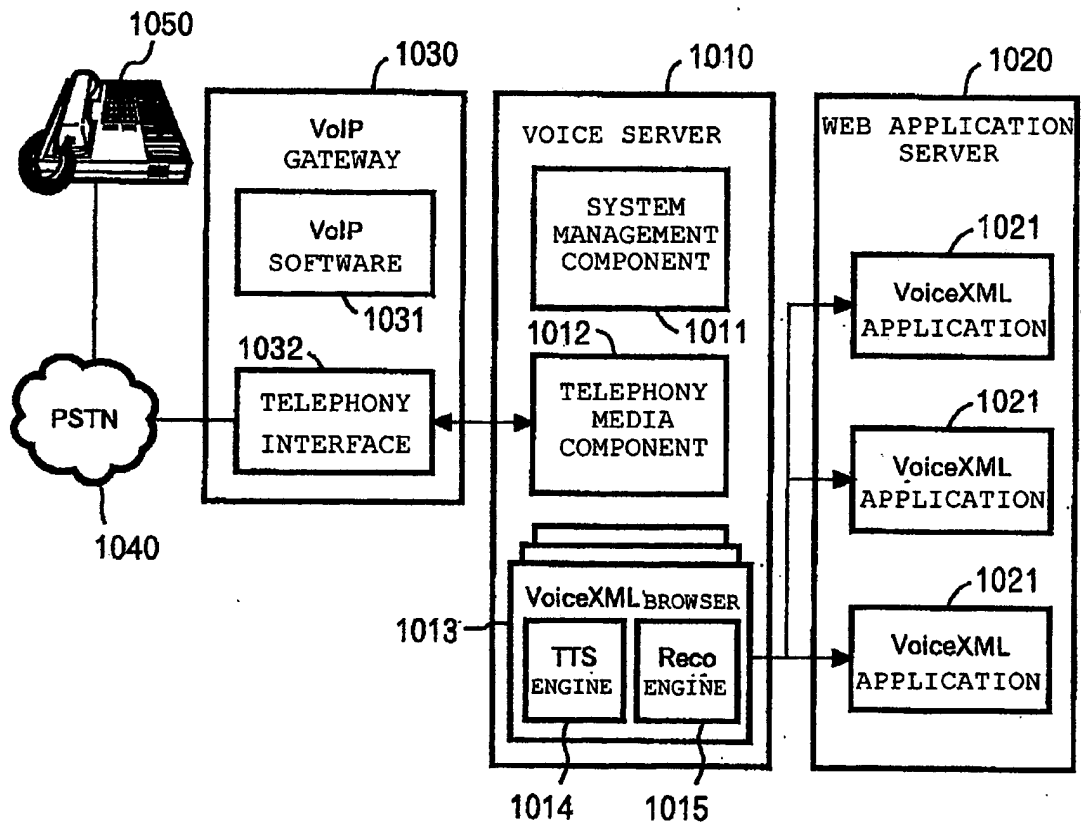
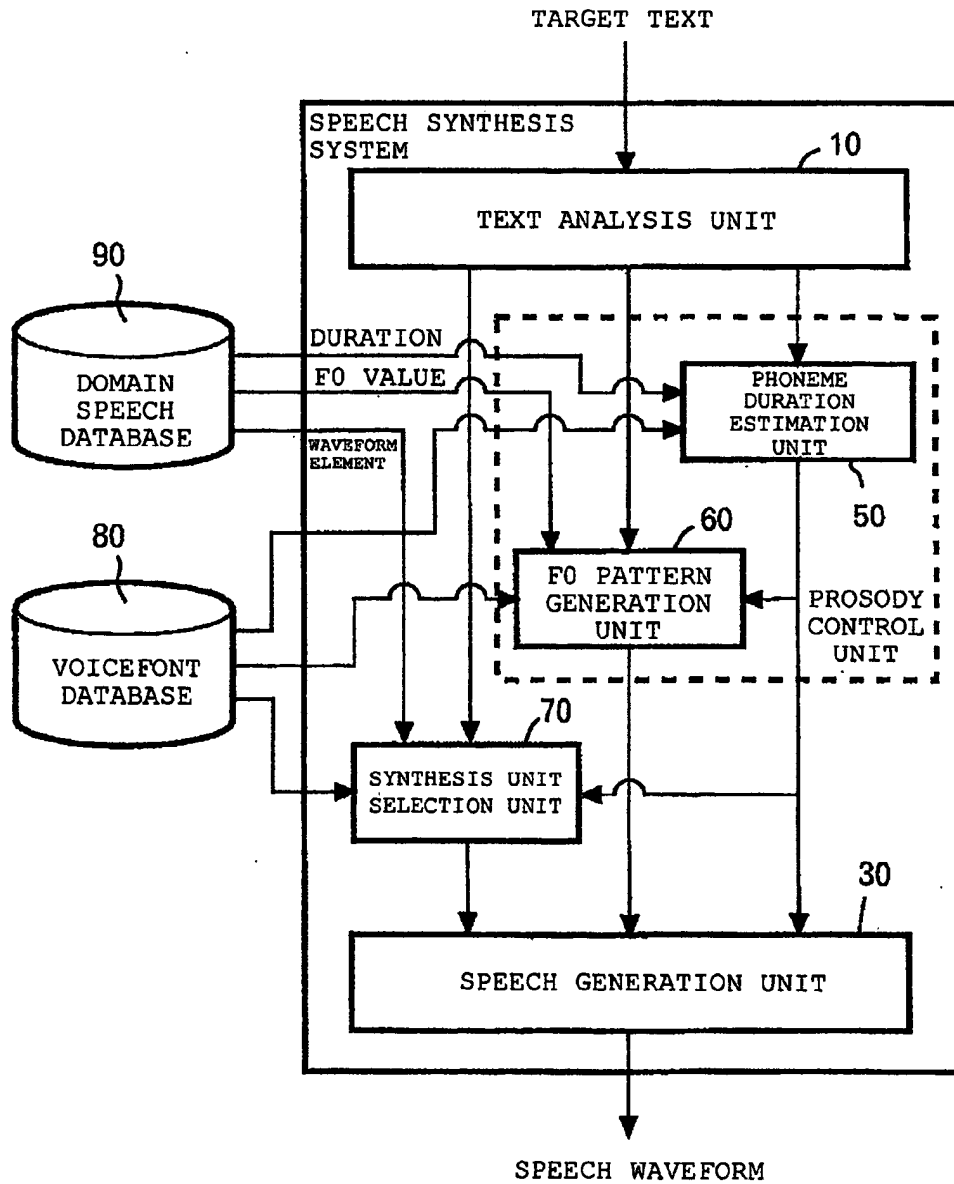


FIG. 11



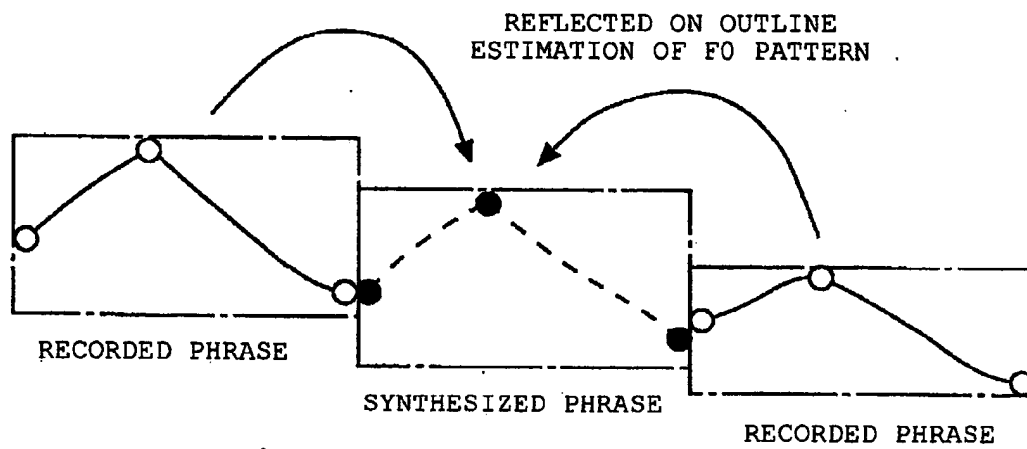


FIG. 13

